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MCD120



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EN User manual

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TH คู่มือผู้ใช้

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ZH-TW 使用手冊

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**PHILIPS**

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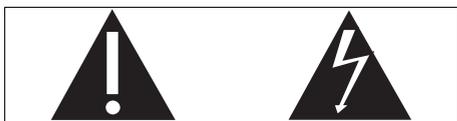
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# 1 Important

## Safety

Know these safety symbols



This 'bolt of lightning' indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The 'exclamation point' calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

**WARNING:** To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.

**CAUTION:** To prevent electric shock, match wide blade of plug to wide slot, fully insert.

- ① Read these instructions.
- ② Keep these instructions.
- ③ Heed all warnings.
- ④ Follow all instructions.
- ⑤ Do not use this apparatus near water.
- ⑥ Clean only with dry cloth.

- ⑦ Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- ⑧ Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- ⑨ For countries with a polarized mains, do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.  
Caution: To prevent electric shock, match the wide blade of the plug to the wide slot, fully insert.



- ⑩ Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- ⑪ Only use attachments/accessories specified by the manufacturer.
- ⑫ Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



- ⑬ **Unplug this apparatus during lightning storms or when unused for long periods of time.**
- ⑭ **Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.**
- ⑮ **Battery usage CAUTION – To prevent battery leakage which may result in bodily injury, property damage, or damage to the apparatus:**
- Install all batteries correctly, + and - as marked on the apparatus.
  - Do not mix batteries (old and new or carbon and alkaline, etc.).
  - Remove batteries when the unit is not used for a long time.
- ⑯ **The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.**
- ⑰ **Apparatus shall not be exposed to dripping or splashing.**
- ⑱ **Do not place any sources of danger on the apparatus (e.g. liquid filled objects, lighted candles).**
- ⑲ **This product may contain lead and mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: [www.eiae.org](http://www.eiae.org).**



#### Caution

- Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.



#### Warning

- Never remove the casing of this unit.
- Never lubricate any part of this unit.
- Place this unit on a flat, hard and stable surface.
- Never place this unit on other electrical equipment.
- Only use this unit indoors. Keep this unit away from water, moisture and liquid-filled objects.
- Keep this unit away from direct sunlight, naked flames or heat.
- Never look into the laser beam inside the unit.



#### Warning

- Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

## Hearing safety

### Listen at a moderate volume.

- Using headphones at a high volume can impair your hearing. This product can produce sounds in decibel ranges that may cause hearing loss for a normal person, even for exposure less than a minute. The higher decibel ranges are offered for those that may have already experienced some hearing loss.
- Sound can be deceiving. Over time your hearing 'comfort level' adapts to higher volumes of sound. So after prolonged listening, what sounds 'normal' can actually be loud and harmful to your hearing. To guard against this, set your volume to a safe level before your hearing adapts and leave it there.

### To establish a safe volume level:

- Set your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.

### Listen for reasonable periods of time:

- Prolonged exposure to sound, even at normally 'safe' levels, can also cause hearing loss.
- Be sure to use your equipment reasonably and take appropriate breaks.

### Be sure to observe the following guidelines when using your headphones.

- Listen at reasonable volumes for reasonable periods of time.
- Be careful not to adjust the volume as your hearing adapts.
- Do not turn up the volume so high that you can't hear what's around you.
- You should use caution or temporarily discontinue use in potentially hazardous situations. Do not use headphones while operating a motorized vehicle, cycling, skateboarding, etc.; it may create a traffic hazard and is illegal in many areas.

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## Notice

Any changes or modifications made to this device that are not expressly approved by Philips Consumer Lifestyle may void the user's authority to operate the equipment.

### Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.) Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.



Be responsible  
Respect copyrights

The making of unauthorized copies of copy-protected material, including computer programs, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offence. This equipment should not be used for such purposes.

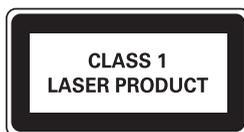


'DVD Video' is a trademark of DVD Format/Logo Licensing Corporation.



Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

**This apparatus includes this label:**



**Class II equipment symbol:**



This symbol indicates that this product has a double insulation system.

### Note

- The type plate is located on the bottom of the apparatus.

## 2 Your DVD Micro Theater

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at [www.philips.com/welcome](http://www.philips.com/welcome).

### What's in the box

Check and identify the contents of your package:

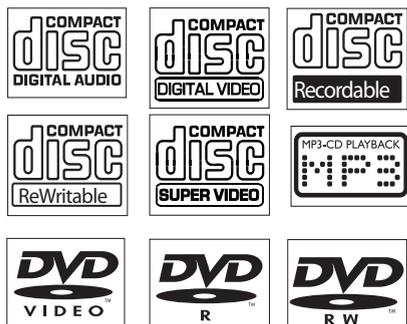
- Main unit
- 2 speakers
- Remote control
- Composite video cable
- User manual
- Quick start guide

### Introduction

With this unit, you can:

- watch video from DVD/VCD/SVCD or USB devices
- enjoy audio from discs or USB devices
- view pictures from discs or USB devices

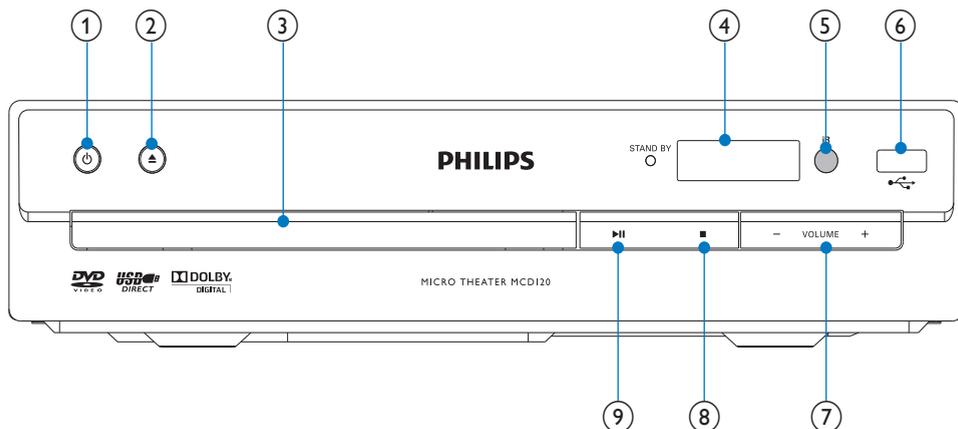
The unit supports these media/disc formats:



You can play DVD discs with the following region codes:

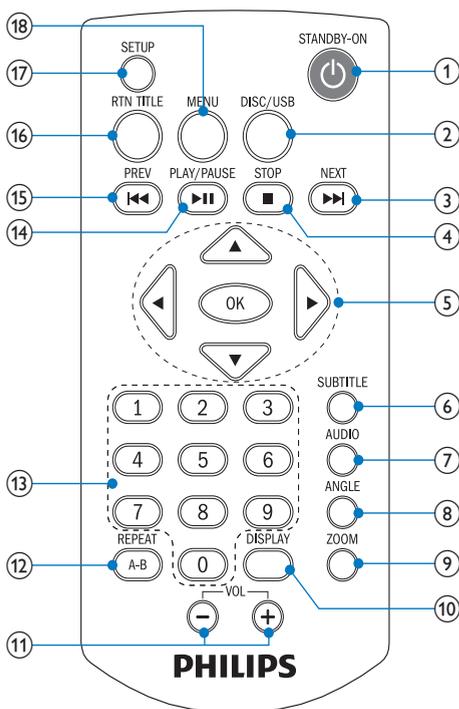
DVD region code	Countries
 	Asia Pacific, Taiwan, Korea

## Overview of the main unit



- ① 
  - Turn on the apparatus; switch to standby mode.
- ② 
  - Open or close the disc compartment.
- ③ **Disc compartment**
- ④ **Display panel**
  - Display current status.
- ⑤ **Remote control sensor**
- ⑥ 
  - USB socket.
- ⑦ **VOLUME -/+**
  - Adjust volume.
- ⑧ 
  - Stop play.
- ⑨ 
  - Start or pause play.

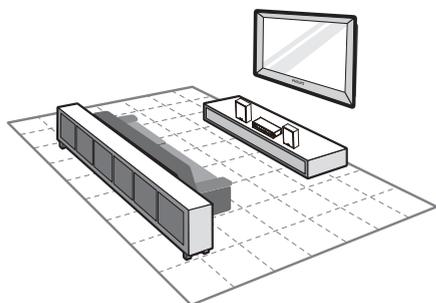
## Overview of the remote control



- ① Turn on the apparatus; switch to standby mode.
- ② **Source selection keys**
- Select a source.
- ③ Skip to the next track, title or chapter.
- ④ Stop play.
- ⑤ **OK**
- Confirm a selection.
  - ▲/▼/▶/◀
  - For menus: navigate up/down/left/right.
- ⑥ **SUBTITLE**
- Select a subtitle language.
- ⑦ **AUDIO**
- Select an audio language(DVD) or an audio channel(VCD).
- ⑧ **ANGLE**
- For DVD, view the same scene from different angles.
- ⑨ **ZOOM**
- Zoom in or out a picture/video image on the TV screen.
- ⑩ **DISPLAY**
- Display play information on a connected TV.
- ⑪ **VOL +/-**
- Adjust volume.
- ⑫ **REPEAT A-B**
- Select the repeat option.
- ⑬ **Numeric keypad**
- Select a title/chapter/track directly.
- ⑭ Start or pause play.
- ⑮ Skip to the previous track, title or chapter.
- ⑯ **RTN TITLE**
- Go back to previous menu or show the title menu.
- ⑰ **SETUP**
- Access or exit the system setup menu.
- ⑱ **MENU**
- For DVD, enter or exit disc contents menu.
  - For VCD/SVCD, turn on/off PBC.

## 3 Connect

### Place the unit



- 1 Place the unit near to the TV.
- 2 Place the left and right speakers at equal distance from the TV and at an angle of approximately 45 degrees from the listening position.

#### Note

- To avoid magnetic interference or unwanted noise, never place this apparatus and speakers too close to any radiation devices.
- Never place this unit in an enclosed cabinet.
- Install this unit near the AC outlet where the AC power plug can be easily reached.

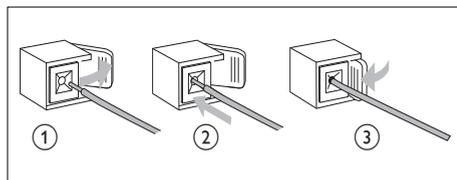
### Connect speakers

#### Note

- Ensure that the colors of the speaker wires and terminals are matched.
- For optimal sound, use the supplied speakers only.
- Connect only speakers with impedance that is the same or higher than the supplied speakers. Refer to the Specifications section of this manual.

- 1 Hold down the socket flap.

- 2 Insert the stripped part of the wire completely.
  - Insert the right speaker wires to "R", left speaker wires to "L".
  - Insert the red wires to "+", black wires to "-".
- 3 Release the socket flap.



## Connect TV

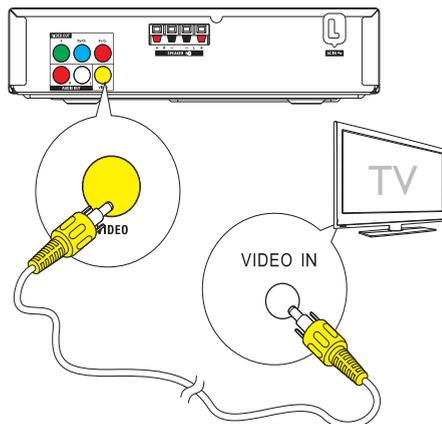
### Connect video cables

With this connection, you can watch video from the unit on the TV screen.

You can select the best video connection that your TV supports.

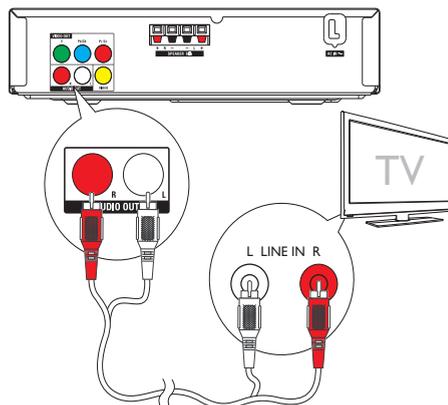
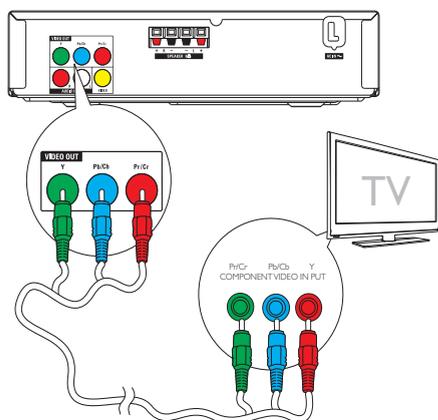
### Option 1: Connect through composite video

- 1 Connect the supplied composite video cable to:
  - the **VIDEO OUT** socket on this unit.
  - the video input socket on the TV.



## Option 2: Connect through component video

Connect a progressive scan TV through component video for higher quality video.



### Note

- The progressive scan video quality is only available when a progressive scan TV is connected.
- If your TV does not support progressive scan, you cannot view the picture.
- For how to activate progressive scan on your TV, refer to the TV user manual.

- 1 Connect component video cables (red/blue/green - not supplied) to:
  - the **VIDEO OUT (Pr/Cr Pb/Cb Y)** sockets on this unit.
  - the component input sockets on the TV.

## Connect audio cables

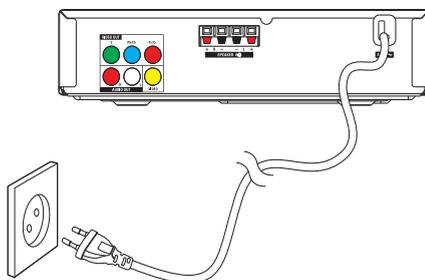
- 1 Connect audio cables (red/white - not supplied) to:
  - the **AUDIO OUT L/R** sockets on this unit.
  - the audio input sockets on the TV.

## Connect power

### ! Caution

- Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the back or the underside of the unit.
- Before connecting the AC power cord, ensure you have completed all other connections.

Connect the AC power cord to the wall socket.



# 4 Get started

## Caution

- Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

Always follow the instructions in this chapter in sequence.

If you contact Philips, you will be asked for the model and serial number of this apparatus. The model number and serial number are on the bottom of the apparatus. Write the numbers here:

Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

## Prepare the remote control

### Caution

- Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire.

- 1 Open the battery compartment.
- 2 Insert 2 x 1.5V AAA batteries with correct polarity (+/-) as indicated.
- 3 Close the battery compartment.

### Note

- Before you press any function button on the remote control, first select the correct source with the remote control.
- If you are not going to use the remote control for a long time, remove the batteries.

## Turn on

- 1 Press .  
↳ The display panel displays **LOAD**.

To switch to standby mode, press again.

- ↳ The standby indicator on left side of display panel switches to red.

## Find the correct viewing channel

- 1 Press  to turn on the unit.
- 2 Press **DISC/USB** to switch to disc mode.
- 3 Turn on the TV and switch to the correct video-in channel in one of the following ways:
  - Go to the lowest channel on your TV, then press the Channel Down button until you see the blue screen.
  - Press the source button repeatedly on the remote control of your TV.

### Tip

- The video-in channel is between the lowest and highest channels and may be called FRONT, A/V IN, VIDEO etc. See the TV user manual on how to select the correct input on the TV.

## Select TV system that match the connected TV

This DVD player is compatible with both NTSC and PAL. For the playback of a DVD disc on this DVD player, the color systems of the TV set and DVD player should match.

- 1 Press **SETUP**.
- 2 Select **[SYSTEM SETUP] > [TV SYSTEM]**, and then press **▶**.
- 3 Press **▼ / ▲** to select one of the options below and then press **OK**.

[NTSC]	For TV with NTSC color system.
[PAL]	For TV with PAL color system.
[AUTO]	For TV with multiple color systems.

- 4 Press **SETUP** to exit.

## Change system menu language

- 1 Press **SETUP**.
- 2 Press **◀/▶** keys to select **[LANGUAGE SETUP]** page, then press **▼**.
- 3 Press **▼ / ▲** keys to highlight one of the options below, then press **▶** .
  - **[LANGUAGE SETUP]**: Select this to change the language of this DVD player screen display menu.
  - **[MENU LANG]**: Select this to change the language of disc menu.
- 4 Press **▼ / ▲** keys to select a language and press **OK**.
- 5 Press **SETUP** to exit the menu.



### Note

- Depending on the DVD or VIDEO CD, some operations may be different or restricted.
- If the "INVALID KEY" appears on the TV screen when a button is pressed, it means the function is not available on the current disc or at the current time.

## Turn on Progressive Scan

Progressive scan displays twice the number of frames per seconds than interlaced scanning (ordinary TV system). With nearly double the number of lines, progressive scan offers higher picture resolution and quality.

Before you turn on this feature, ensure that:

- The TV supports progressive scan signals.
- You have connected this unit with the TV through component video.

- 1 Turn on the TV.
- 2 Ensure that the TV progressive scan mode is deactivated (see the TV user manual).
- 3 Switch the TV to the correct viewing channel for this unit.
- 4 Press **SETUP**.
- 5 Press **▲/▼** to select **[VIDEO]** in the menu, then press **▶**.
- 6 Select **[P-SCAN YPBPR]**, then press **OK**.  
↳ The progressive setup is complete.

# 5 Play



## Note

- With some disc/file types, play may differ.

---

## Play a disc



## Caution

- Never look at the laser beam inside the unit.
- Risk of product damage! Never play discs with accessories such as disc stabilizer rings or disc treatment sheets.
- Never put any objects other than discs into the disc compartment.

- 1 Press **DISC/USB** to select the DISC source.
- 2 Press **▲** on the front panel.  
↳ The disc tray opens.
- 3 Place a disc onto the tray and press **▲**.  
↳ Ensure that the label faces up.
- 4 Play starts automatically.
  - To stop play, press **■**.
  - To pause or resume play, press **▶||**.
  - To skip to the previous/next title/ chapter/track, press **◀◀▶▶**.

### If play does not start automatically:

Select a title/chapter/track and then press **▶||**.



## Tip

- To play a locked DVD, enter the 4-digit parental control password.

---

## Use the disc menu

When you load a DVD/(S)VCD disc, a menu may be displayed on the TV screen.

- **For DVD**

- 1 During playback, press **MENU** to return to disc menu or press **RTN TITLE** to return to title menu.
  - ↳ If the current disc/title has a menu, the menu will appear on the screen. Otherwise, the disc menu will be displayed.

- 2 Press **▼/▲/◀/▶** to select the desired title or chapter, and then press **▶||** or **OK**.
  - ↳ Playback start from the selected title or chapter.
  - **For VCD with PlayBack Control (PBC) feature (version 2.0 only):**  
With the PBC feature, you can play VCD interactively according to the menu screen.

- 1 Press **MENU** to toggle between PBC ON and PBC OFF.
  - ↳ If toggle to PBC off, the system will start playback automatically.
  - ↳ If toggle to PBC on, the PBC menu (if available) will appear on the TV screen for selection. Use the numeric keys (0-9) to enter your choice. During play with PBC on, the numeric keys are useless.

---

## Select an audio language

You can select an audio language on DVDs with multiple sound tracks or VCDs with multiple audio channels.

- 1 During play, press **AUDIO** repeatedly to select a language.



## Tip

- If the selected audio channel is unavailable, the default disc audio channel is used.

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## Select a subtitle language

You can select a subtitle language only on DVDs.

- During play, press repeatedly **SUBTITLE** to select different subtitle languages.  
↳ The feature is disc dependant.

## Play from USB

### Note

- Ensure that the USB device contains playable music, pictures or video.

- 1 Insert the USB device.
- 2 Press **DISC/USB** to select the USB source.  
↳ Content menu of the USB source appears.
- 3 Press **▲/▼/◀/▶** to select a folder and press **OK**.
- 4 Press **▲/▼** to select a file.
- 5 Press **▶||** to start play the selected file.
  - To stop play, press **■**.
  - To pause or resume play, press **▶||**.
  - To skip to the previous/next file, press **◀◀▶▶**.

## Play mixed contents

You can play a disc or USB flash disk containing MP3 files, JPEG photos and MPEG video files.

- 1 Insert a disc or connect a USB device.
- 2 Press **DISC/USB** to select a source.
- 3 Press **◀/▶** to navigate to a media type icon (audio, photo, or video), then press **OK** to confirm.  
↳ The content of the selected media type displays.
- 4 Press **◀/▶/▲/▼** to highlight a folder, then press **OK** to confirm.  
↳ The content of the selected folder displays.
- 5 Press **▲/▼** to select a file from the folder.

- 6 Press **▶||** to start play.
  - To stop play, press **■**.
  - To pause or resume play, press **▶||**.
  - To skip to the previous/next file, press **◀◀▶▶**.

## Play control

### Volume control

- 1 Press **Volume +/-** on the front panel or **VOL +/-** on the remote control to increase or decrease the volume level.
  - The volume value ranges from "00" to "32" .

### Repeat A-B

You can repeat a specific section of audio/video within a title/chapter/track with this feature. Repeat options vary depending on the disc type.

- 1 During play, press **REPEAT A-B** repeatedly to select an option.  
↳ The selected option is displayed for a while.
- 2 To resume normal play, press **REPEAT A-B** repeatedly until **[Rep off]** displays.

### Note

- For VCD, this feature can take effect only when PBC is set to off.
- The section A and B can be set only within the same track/title.

### Preview pictures

- 1 During play, press **■**.  
↳ Play stops and content in the current folder displays.
- 2 Press **▲/▼** to select a picture you want to preview.

---

## Rotate picture

- 1 During play, press ▲/▼ to flip the picture vertically or horizontally.
- 2 Press ◀/▶ to rotate the picture anti-clockwise or clockwise.

---

## Search forward/backward

- 1 During play, press and hold ◀◀▶▶ to select fast search speed in forward or reverse play.
  - To resume play at normal speed, press ▶▶ or press and hold ◀◀▶▶ until [PLAY] displays on the TV screen.



Tip

- Fast search forward/backward is available only within the same track.

---

## Search by time or chapter/track number

- 1 During video/audio play, press **DISPLAY**.  
↳ The available disc information is played.
- 2 Press ◀/▶ to highlight track number, chapter number, or time.
- 3 Use the numeric keys (0-9) to input the number/time, and press **OK** to confirm.  
↳ [GOTO] displays on the screen.  
↳ Play starts automatically at your selected point.

---

## Resume play

- 1 During play, press **STOP** ■ once to stop the play in resume mode, then press ▶▶ to start play from where you have stopped.



Tip

- To cancel resume mode and stop play completely, press ■ again in stop mode. Or open the disc door, or switch the system to standby mode.

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## Play options

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### Display play information

You can view the disc information (e.g., current title / chapter / track number, total playing time on the disc) without interrupting the disc playback.

- 1 During play, press **DISPLAY** repeatedly to display play information.

---

### Zoom in/out image

For DVDs, (S)VCDs and USBs, you can zoom in and out for video images or pictures.

- During video/picture play, press **ZOOM** repeatedly to change the zooming scale.
- To pan through the enlarged image, press ▼/▲/▶/◀.

---

### Select a camera angle

- 1 During play, press **ANGLE** to select the different angle.



Note

- Only available for DVDs recorded with multiple camera angles.
- The maximum number of angle stipulated by the manufacturer is 9/9.

# 6 Adjust settings

- 1 Press **SETUP**.
- 2 Press **▼/▲/▶/◀** to navigate in the menu.
- 3 Select a setting and then press **OK**.
  - To exit the menu, press **SETUP**.

## Note

- Some of the features in the **SETUP** Menu Options are described in "Get Started".

- **[INTERLACE-YUV]** – For ordinary TV: turn on the interlace mode.
- **[P-SCAN YPBPR]** – For progressive scan TV: turn on the progressive scan mode.

## [TV TYPE]

The TV format determines the aspect ratio of display according to the type of TV you have connected.



4:3 Pan Scan (PS)



4:3 Letter Box (LB)



16:9 (Wide Screen)

## System Setup

On the **[SYSTEM SETUP]** page, you can set the following options:

### [TV SYSTEM]

Change this setting if the video does not appear correctly. By default, this setting matches the most common setting for TVs in your country.

**[NTSC]** For TV with NTSC color system.

**[PAL]** For TV with PAL color system.

**[AUTO]** For TV that is compatible with both PAL and NTSC.

### [SCREEN SAVER]

Turn on or off the screen saver mode. It helps to protect the TV screen from being damaged due to over exposure to static image for being too long.

- **[ON]** - Set the screen saver active after 10 minutes of inactivity (for example, in the pause or stop mode)
- **[OFF]** - Disable screen saver mode.

### [VIDEO]

Set the video output according to the video connection. If the composite connection is used, this setting is not required.

### [4:3PS](pan scan)

If you have a normal TV and want both sides of the picture to be trimmed or formatted to fit your TV screen.

### [4:3LB] (letter box)

If you have a normal TV. In this case, a wide picture with black bands on the upper and lower portions of the TV screen will be displayed.

### [16:9] (wide screen)

If you have a widescreen TV.

## [PASSWORD]

You can change the four-digit code used as Password.

- 1 Use the numeric keys **(0-9)** to enter your current four-digit code, then press **OK**. The password supplied by default is **0000**.
- 2 Press **▶**, then enter the new four-digit password.
- 3 press **OK** to confirm.

## Note

- If you forget the password, enter '0000' before you set a new password.

## [RATING]

Restricts access to discs that are unsuitable for children. These types of discs must be recorded with ratings.

- 1 Go to **[PASSWORD]** to enter the password.
- 2 Go to **[RATING]** and press **▶**.
- 3 Select a rating level, then press **OK**.
- 4 Press the numeric keys **(0-9)** to enter the password.

### Rating explanations

<b>[1 KID SAFE]</b>	Kids material; recommended especially for children and viewers of all ages.
<b>[2 G]</b>	General Audience; recommended as acceptable for viewers of all ages.
<b>[3 PG]</b>	Parental Guidance suggested.
<b>[4 PG13]</b>	Material is unsuitable for children under age 13.
<b>[5 PG-R]</b>	Recommend parents to restrict children under 17 to view.
<b>[6 R]</b>	Restricted. Recommend parent to guide children under 17 to view.
<b>[7 NC-17]</b>	No children under age 17; not recommended for children under age 17.
<b>[8 ADULT]</b>	material for adults only; viewed only by adults due to graphic sexual scenes, violence, or language.

### Note

- Rated discs above the level you set in **[RATING]** require a password to be played.
- The ratings are country-dependent. To allow all discs to play, select **[8 ADULT]**.
- Some discs have ratings printed on them but are not recorded with ratings. This function has no effect on such discs.

## [DEFAULT]

Resets all the settings of this unit to factory default, except for the password and parental settings.

---

## Language Setup

On the **[LANGUAGE SETUP]** page, you can set the following options:

### **[OSD LANGUAGE]**

Select the preferred language for on-screen display.

### **[MENU LANG]**

Select the preferred language for disc menu.

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## Audio setup

On the **[AUDIO SETUP]** page, you can set the following options:

### **[DOWNMIX]**

This option is for speaker setup and can only be setup under disc mode.

- **[LT/RT]**: Select this option if your DVD player is connected to a Dolby Pro Logic decoder.
- **[STEREO]**: Select this when output delivers sound from only the two front speakers.

### **[NIGHT MODE]**

Make loud sound level softer and soft sound level louder so that you can watch the DVD movies at a low volume, without disturbing others.

- **[ON]** – enjoy quiet viewing at night (DVDs only).
- **[OFF]** – enjoy surround sound with its full dynamic range.

**[DYNAMIC RANGE]**

Select the Dynamic Rang to fit the individual listening situation of the audience. The variable range is from FULL, 6/8~2/8 or OFF.

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**[FULL]** Audio with fully compressed Dynamic Range.

---

**[6/8~2/8]** Audio with partially compressed Dynamic Range.

---

**[OFF]** Audio with uncompressed Dynamic Range.

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# 7 Product information



## Note

- Product information is subject to change without prior notice.

## Specifications

### SYSTEM

Power supply	110-240V, 50/60 Hz
Power consumption (1/8 rated output power)	Active: <15 W Standby: <2.5 W
Power output	2 x 10W
USB Direct	Version 2.0

### DVD

Frequency response	100Hz-16kHz ( $\pm 3$ dB)
Video output	1 VP-P
Horizontal definition	>500 (TV)
Dimensions (d x w x h)	249 mm x 247 mm x 54 mm
Weight	1.32 kg

### Speakers

System	1-way system
Impedance	8ohm
Dimensions (d x w x h)	144 mm x 124 mm x 181 mm
Weight	1.13 kg (each)

## REMOTE

Distance	6m
Angle	$\pm 30^\circ$

## Playable Discs

- Digital Video Discs (DVDs)
- Video CDs (VCDs)
- Super Video CDs (SVCDs)
- Digital Video Discs + Rewritable (DVD+RW)
- Compact Discs (CDs)
- Picture (Kodak, JPEG) files on CDR(W)
- ISO 9660/UDF format
- JPEG resolution support up to 3073 x 2048
- Supported sampling frequencies: 32kHz, 44.1kHz, 48kHz
- Supported Bit-rates: 32~256 (kbps), variable bit rates (average 128 kbps)

### Supported MP3-CD formats:

- ISO 9660
- Max. title/album name: 12 characters
- Max. title number plus album: 255
- Max. nested directory: 8 levels
- Max. album number: 32
- Max. MP3 track number: 999
- Supported sampling frequencies for MP3 disc: 32 kHz, 44.1 kHz, 48 kHz
- Supported Bit-rates of MP3 disc are: 32, 64, 96, 128, 192, 256 (kbps)
- The following formats are not supported:
  - Files like \*.VMA, \*.AAC, \*.DLF, \*.M3U, \*.PLS, \*.WAV
  - Non-English Album/Title name
  - Discs recorded in Joliet format
  - MP3 Pro and MP3 with ID3 tag

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# USB playability information

## Compatible USB devices:

- USB flash memory (USB 2.0 or USB1.1)
- USB flash players (USB 2.0 or USB1.1)
- memory cards (requires an additional card reader to work with this apparatus)

## Supported formats:

- USB or memory file format FAT12, FAT16, FAT32 (sector size: 512 bytes)
- MP3 bit rate (data rate): 32-320 Kbps and variable bit rate
- WMA v9 or earlier
- Directory nesting up to a maximum of 8 levels
- Number of albums/ folders: maximum 99
- Number of tracks/titles: maximum 999
- ID3 tag v2.0 or later
- File name in Unicode UTF8 (maximum length: 128 bytes)

## Unsupported formats:

- Empty albums: an empty album is an album that does not contain MP3/WMA files, and is not be shown in the display
- Unsupported file formats are skipped. For example, Word documents (.doc) or MP3 files with extension .dlf are ignored and not played
- AAC, WAV, PCM audio files
- DRM protected WMA files (.wav, .m4a, .m4p, .mp4, .aac)
- WMA files in Lossless format

# 8 Troubleshooting



## Warning

- Never remove the casing of this apparatus.

To keep the warranty valid, never try to repair the system yourself.

If you encounter problems when using this apparatus, check the following points before requesting service. If the problem remains unsolved, go to the Philips web site ([www.Philips.com/support](http://www.Philips.com/support)). When you contact Philips, ensure that the apparatus is nearby and the model number and serial number are available.

### No power

- Ensure that there is power at the AC outlet.
- Press  $\odot$  on the DVD System.

### No disc detected

- Insert a disc.
- Check if the disc is inserted upside down.
- Wait until the moisture condensation at the lens has cleared.
- Replace or clean the disc.
- Use a finalized CD or correct format disc.

### No picture

- Check the video connection.
- Turn on the TV to the correct Video-In channel.
  - ↳ This channel is usually near channel 00. Or, you may have a button on the TV remote control that selects Auxiliary or A/V IN channel. See your TV owner's manual for details. Or, change channels at the TV until you see DVD screen on the TV.
- Progressive scan is activated but the TV does not support progressive scan.

### Black and white or distorted picture

- The disc does not match the TV color system standard (PAL/NTSC).
- Sometimes a slight picture distortion may appear. This is not a malfunction.
- Clean the disc.
- A distorted picture may appear during progressive scan setup.

### The aspect ratio of the TV screen cannot be changed even though you have set the TV display format.

- The aspect ratio is fixed on the loaded DVD disc.
- The aspect ratio may not be possible to change for some TV systems.

### No sound or poor sound

- Adjust the volume.
- Check that the speakers are connected correctly.
- Check if the stripped speaker wires are clamped.
- The system is in pause, slow motion or fast forward/reverse mode, press  $\blacktriangleright||$  to resume normal play mode.

### Remote control does not work

- Before you press any function button, first select the correct source with the remote control instead of the main unit.
- Reduce the distance between the remote control and the unit.
- Insert the battery with its polarities (+/- signs) aligned as indicated.
- Replace the battery.
- Aim the remote control directly at the sensor on the front of the unit.
- Remove any possible obstacles.

### Disc does not play

- Insert a readable disc and ensure that the label side faces up.
- Check the disc type, color system and regional code. Check for any scratches or smudges on the disc.
- Press **SETUP** to exit the system setup menu.

- Disable the password for parental control or change the rating level.
- Moisture has condensed inside the system. Remove the disc and leave the system turned on for about an hour. Disconnect and reconnect the AC power plug, and then turn on the system again.

**Audio or subtitle languages cannot be set**

- The disc is not recorded with sound or subtitles in multiple languages.
- The audio or subtitle language setting is prohibited on the disc.

**Cannot display some files in USB device**

- The number of folders or files in the USB device has exceeded a certain limit. This phenomenon is not a malfunction.
- The formats of these files are not supported.

**USB device not supported**

- The USB device is incompatible with the unit. Try another one.

**Low hum or buzz sound**

- Place the DVD micro system as far away as possible from electrical devices that may be causing interference.

